



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0332.2US	SERIAL NO. 10/779,431
	APPLICANT Dick et al.	
	FILING DATE February 13, 2004	GROUP 2137

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		3,569,956	03/1971	T.O. Paine Acting Administrator of the National Aeronautics ...			
	*	5,091,942	02/1992	Dent			
	*	5,161,244	11/1992	Maurer			
	*	5,365,588	11/1994	Bianco et al.			
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		5,799,154	08/1998	Kuriyan			
		6,014,567	01/2000	Budka			
	*	6,188,717	02/2001	Kaiser et al.			
		6,201,811	03/2001	Larsson et al.			
		6,208,615	03/2001	Faruque et al.			
		6,385,183	05/2002	Takeo			
		6,430,722	08/2002	Eroz et al.			
		6,493,331	12/2002	Walton et al.			
		6,539,047	03/2003	Moon, Hi-Chan ¹⁰			
	*	6,553,535	04/2003	Asada et al.			
		6,567,461	05/2003	Moon et al.			
		6,731,618	05/2004	Chung et al.			
	*	6,802,033	10/2004	Bertin et al.			
		6,871,313	03/2005	Gopalakrishnan, Nandu			
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		7,058,132	06/2006	Sebire et al.			
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		2002/0044542	04/2002	Kim et al.			
		2002/0075964	06/2002	Okumura, Yukihiro			
		2002/0075838	06/2002	Choi et al.			
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							YES	NO
		2 228 714	01/1998	CA ⁹				
		2 259 226	03/1993	GB				
		02291737	12/1990	JP			X**	
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		97/16899	05/1997	WO ⁸				
		99/07076	02/1999	WO ¹				
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	*	01/50675	07/2001	WO				
		02/05445	01/2002	WO ⁵				
		03/065618	08/2003	WO ⁶				

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OTHER DOCUMENTS		
EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
		"3 rd Generation Partnership Project: Technical Specification Group Radio Access Network; Multiplexing and channel coding (FDD) (Release 5)," 3GPP TS 25.212 v5. 1.0-DRAFT, June 2002.
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		"3 rd Generation Partnership Project: Technical Specification Group Radio Access Network; High Speed Downlink Packet Access: Physical Layer Aspects (Release 5)," 3GPP TR 25.858 V5.0.0 (2002-03).
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		"3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; Multiplexing and channel coding (TDD) (Release 4)," 3GPP TS 25.222 v4.2.0 (2001-12) Technical Specification
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		"Draft Minutes of WG1 #21 Meeting," TSG- RAN Working Group 1 Meeting No. 22, TSGR1-01-0990, New York, New York, October 23-26.
		"Draft Minutes of WG1 #22 Meeting," TSG-RAN Working Group 1 Meeting No. 23, TSGRI-01-1354, Espoo, Finland, January 8-11.
		"Revised Minutes of TSG RAN WG1 #23 Meeting," TSG-RAN Working Group 1 Meeting No. 24, TSGR1-02-0356, Orlando, Florida, February 18-22.
		"Revised Minutes of TSG RAN WG1 #25 Meeting," TSG-RAN Working Group 1 Meeting No. 25, TSGR1-02-0791.
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		"Revised Minutes of TSG-RAN WG1 #24," TSG-RAN Working Group 1 Meeting No. 25, TSGR1-02-0575, Paris, France, April 9-12.
		3GPP TR 25.858, "Technical Specification Group Radio Access Network; High Speed Downlink Packet Access; Physical Layer Aspects," 3 rd Generation Partnership Project; V5.0.0, 3GPP, (Release 5) March 2002, pp 1- 31.
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		Chen, W. et al. "A novel code assignment scheme for W-CDMA systems", Vehicular Technology Conference, 2001. VTC 2001 Fall. IEEE VTS 54 th .
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	*	CWTS/Huawei Technologies Co., Ltd., "Discussion About SCCH-HS channel coding and necessity of transmission of HI", R1-02-0114, (January 2002).
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		InterDigital Comm. Corp., "16 bit UE ID Based UE Specific Masking for HS-SCCH," Discussion and Decision, 3GPP TSG RAN WG1#26, Kyung-Ju, Korea, May 13-17, 2002.

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		InterDigital Comm. Corp., "16 bit UE ID based UE Specific Masking for HS-SCCH: Updated for consistency with new Rate matching for HS-SCCH," Discussion and Decision, 3GPP TSG RAN WG1#27, Olou, Finland, July 2-5, 2002.
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		InterDigital Comm. Corp., "Correction to UE specific matching for HS-SCCH part 1," 3GPP TSG RAN WG1#27, R1-02-0941, Oulu, Finland, July 2-5, 2002.
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		InterDigital Comm. Corp., "UE Specific Masking for HS-SCCH part 1," 3GPP TSG RAN WG1#26, R1-02-0843, Gyeongju, Korea, May 13-17, 2002.
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		InterDigital Communication Corporation, "Simplified Illustration of the Performance Benefit of US Dependent CRC," TSG-RAN Working Group 1 #21, R1-01-0972, Torino, Italy, August 27-31, 2001

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		LG Electronics, "On the Criterion for UE Specific Scrambling Code", TSGR1#26-02-0771, 3GPP TSG-RAN WG1 Meeting #26, Gyeongju, Korea, May 13-17, 2002.
		LG Electronics, "On User-Specific Scrambling Code for the Part 1 of HS-SCCH", Tdoc R1-02-0542, TSG-RAN WG1 Meeting #25, April 9-12, 2002.
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	*	Lin et al., "Error Control Coding: Fundamentals And Applications", Prentice Hall Inc., (Englewood Cliffs, 1983).
		Lucent Technologies, "Comparison of Detection Schemes for the HS-SCCH", 3GPP TSG-RAN WG1#25, R1-02-0699, Gyeongju, Korea, May 13-16, 2002
		Lucent Technologies, "Comparison of Schemes for UE Specific CRC," 3GPP TSG-RAN WG1#23, R1-01-0076, Espoo, Finland, January 8-11, 2002.
		Lucent Technologies, "False Alarm Performance of various UE ID Coding, Scrambling and CRC schemes", 3GPP TSG-RAN WG1#26, R1-02-0723, Gyeongju, Korea, May 13-16, 2002.
		Lucent Technologies, "Further Results on SCCH Detection with Parity Bits", R1-02-0903, 3GPP TSG-RAN WG1#27, Oulu, Finland, July 2-4, 2002.
		Lucent Technologies, "Performance of the HS-SCCH", 3GPP TSG-RAN WG1#25, R1-02-0649, Paris France, April 9-12, 2002.
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		Lucent Technologies, "Pre-coding of UE ID before Modulo 2 addition with CRC," 3GPP TSG-RAN WG1#25, Paris, France, April 2002, R1-02-0555.
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	*	Motorola, "Comments on the Requirement for UE ID when HS-DSCH Indicator (HI) bit is present for High Speed Downlink Packet Access (HSDPA) Downlink Signaling", R1-01-0758, TSG-RAN Working Group 1 #21, Korpilampi, Finland, June 26-28, 2001.
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		NEC, "Coding for HS-SCCH", R-1-02-1121, 3GPP TSG-RAN WG1 Meeting #28, Seattle, Washington, August 19-22, 2002
		Nokia, "Channel coding and error detection for HS-SCCH," TSG-RAN WG1 #23, 3GPP, January 2002, R1-02-0016.
		Panasonic, "Removal of code mapping description over HS-SCCH", Tdoc R1(02)0774, 3GPP TSG-RAN WG1 Meeting #25, Paris France, April 9-12, 2002
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		Siemens, "Improved HS-SCCH Detection Performance", TSG-RAN WG1 Meeting #25, Tdoc R1-02-0608, Paris France, April 9-12, 2002
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		Siemens, "Revision of UE Specific Masking for HS-SCCH", 3GPP TSG-RAN WG1 Meeting #28, Tdoc 0783, Gyeongju, Korea, May 13-16, 2002
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		Siemens, "Simplified UE-ID Masking of HS-SCCH, Part 1," Discussion and Decision, Tdoc R1-02-0914, TSG-RAN Working Group 1 #27, Oulu, Finland, July 2-5, 2002.
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	*	Siemens, "Structure of the downlink shared control channel for HSDPA", TSG-RAN Working Group 1 Ad Hoc meeting on HSDPA, R1-01-1030, November 5-7, 2001, Sophia-Antipolis, France.
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		Texas Instruments, "HS-SCCH: Performance Results and Improved Structure," 3GPP TSG RAN WG1 Meeting #25, R1-02-0535, Paris, France, April 9-12, 2002

** Abstract Only

¹ Corresponds to RU 2193276; ² Corresponds to RU 2000111545; ³ Corresponds to RU 2212770;

⁴ Corresponds to RU 2214677; ⁵ Corresponds to RU 2003100083; ⁶ Corresponds to RU 2004123213;

⁷ Corresponds to WO 01/43292; ⁸ Corresponds to CN 1202286; ⁹ Corresponds to CN 1197337;

¹⁰ Corresponds to KR 20000009140;

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